Abstract

Packet switching for packet data transmission systems in a multi-channel radio arrangement

Described is a packet switching mechanism for packet data transmission systems in a multi-channel radio arrangement. The method comprises the steps of receiving a plurality of data packets (A, B, C, ...) to be transmitted; and providing a number (n+p) of radio channels (VC-X#1, VC#X-2, ...) for performing the transmission. The method is characterized by the steps of assigning the entire transport of each data packet (A, B, C, ...) to one radio channel (VC-X#1, VC#X-2, ...) and, in absence of failures, by performing the transmission by using all the available working and protection channels.